Order No. VM0606501SE

# Service Manual

DVD Video Camcorder

**VDR-D300GC / VDR-D300GCS / VDR-D300SG / VDR-D300GN / VDR-D300EE / VDR-D308GK / VDR-D250GC / VDR-D250GCS / VDR-D250SG / VDR-D250GN / VDR-D250EE / VDR-D258GK**

**SUB P.C.B. REPLACEMENT NOTE**

**Please use this service manual together with the service manual for /**
**Order No. VM0603011CE, Model No.VDR-D300GC/GCS/GN/EE/308GK. /**
**Order No. VM0603009CE, Model No.VDR-D250GC/GCS/GN/EE/258GK.**

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## 1. INTRODUCTION

**Please write the “Write Menu data” to EEPROM before performing the TATSUJIN sdjustments when the Sub P.C.B. is replaced.**
**The procedure for “Write Menu data” writing to EEPROM is as follows.**

## 2. PROCEDURES OF WRITING THE DATA TO EEPROM

***Installation of USB-SERIAL driver**

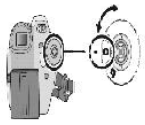
**- Execute the “Setup.exe” file in "ComMass” folder by double clicking to**

**install the USB-SERIAL driver.**

****Set-Up**

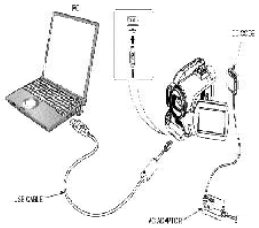
**- If a Disc or SD Card is inserted, remove before operation.**
**- Use AC Adaptor**
**- Select [CARD RECORDING] mode.(Fig1)**
**- Don't connect DVD-CAM to PC using USB cable.**

**[Fig.1]**



**- Set the DVD-Camcorder to "COM" mode for service adjustment mode by pushing [DELETE] and [RECORDING START/STOP] buttons simultaneously while pushing [JOYSTICK CONTROL] upward for more than 3 seconds.**
**Then, "COM" is displayed on LCD.**
**- Connect the PC and DVD-Camcorder as shown in Fig.2.**

**[Fig.2]**



**procedure**

**1. Turn the power of PC "ON".**

**2. Download the "TATSUJIN software" of the DVD-Camcorder from TSN-web and install it into your PC.**
**Note: "****.exe"**
**(D300.exe : VDR-D250/258/300/308 series)**

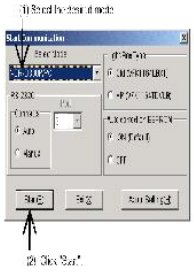
**3. Execute the downloaded latest "****.exe" file by double clicking to start up TATSUJIN adjustment software.**

**4. Then the main menu will be displayed as shown in Fig.3.**

**5. Select the desired model.(1)(Fig.3)**

**6. Then, click "Start".(2)(Fig.3)**

**[Fig.3]**



**7. Then, there is no problem though warning is displayed.(3)(Fig.4)**

**[Fig4]**

**8. Now, the PC and DVD Camcorder is service adjust mode, and the dialog will appear.**

**A. case of D300.exe (VDR-D250/258/300/308 series)**

**Then, click “Next” (4).(Fig.5)**

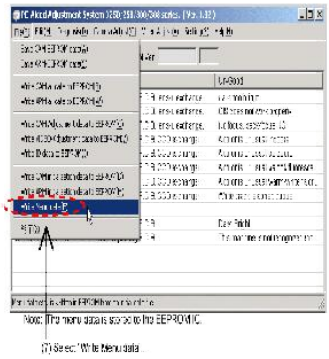
**[Fig5]**

**9. Then, select the File in menu.(6)(Fig.6)**

**[Fig.6]**

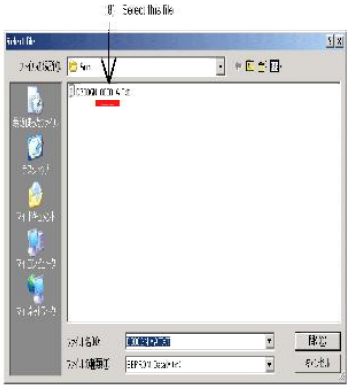
**10. Select the “Write Menu data”.(7)(Fig.7)**

**[Fig.7]**



**11. Select the file including [0000] characters.(8)(Fig.8)**

**[Fig.8]**



**12. Now,writing the data to EEPROM and the dialog will appear.(Fig.9) Then,click “OK”.(9)**

**[Fig.9]**

**13. Please restart “DVD-Camcorder” so that the “Write Menu data” will be completely installed in the DVD camcorder.**

**14. Then, now each adjustments can be performed.**

**15. To release the PC connection (COM) mode, push the [DELETE] button, [RECORDING START/STOP] button and [JOYSTICK CONTROL UP] simultaneously for 3 seconds without connection of the USB Cable.**